

UPGRADE TO STORM

INSTALLATION INSTRUCTIONS

1 What You Need

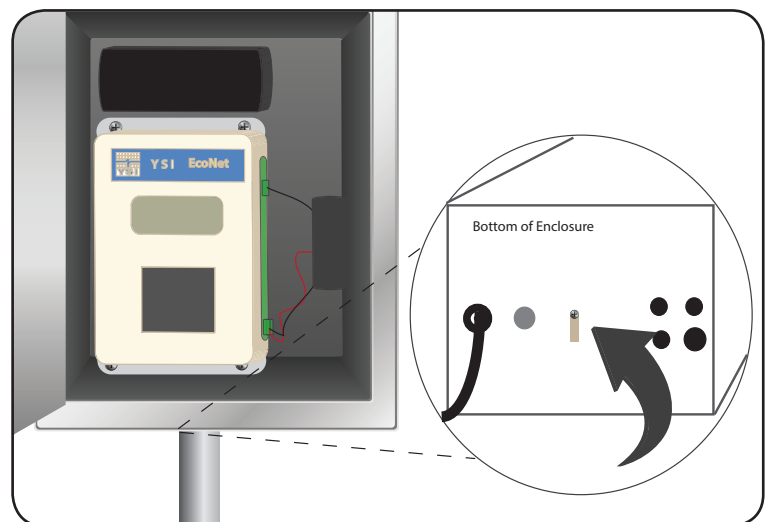
*Activate your stormcentral.waterlog.com account and log in prior to going out to your equipment site. Contact WaterLOG Technical Support at 435.227.1767 for further questions, and to obtain access to the Storm Central Service. Refer to the 'Storm Central Getting Started Guide' for detailed instruction on set up with Storm Central.

Required	Quantity	Suggested	Quantity
Storm 3 Data Logger	1	Safety glasses	1
Mounting plate	1	White electrical tape	1
Phillips screwdriver that is 9.5" long	1	Pen	1
Small flat blade screw driver (2mm wide blade)	1	Anti-static wristband	1
Adjustable wrench	1	Camera or notepad	1
Laptop / Smart Phone / Tablet with Wi-Fi	1	Digital multimeter	1
Storm Central Registration ID	1		

2 Anti-static wrist band

Take a picture of the inside of your enclosure for reference, put on your anti-static wristband and attach the clip to the ground lug located on the bottom of the EcoNet enclosure.

The ground lug should already be wired to a ground rod, which is buried in the ground.



3 Green Connectors

Remove the three green five position connectors from the side of the EcoNet. Remove and label the individual wires as A-F, from the green five position Phoenix connectors:

Connector 1

- A. GND black wire from 4th position of 1st connector.
- B. SDI-12 purple wire from 5th position of 1st connector.

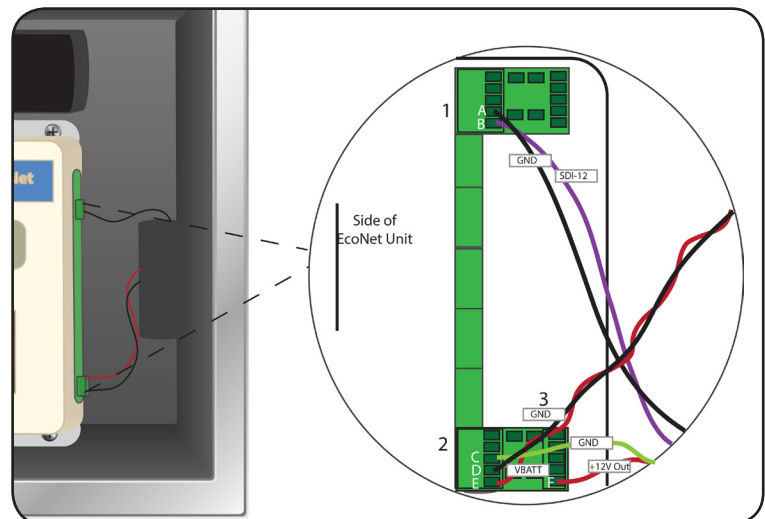
Connector 2

- C. GND green wire from 3rd position of 2nd connector
- D. GND black wire from 4th position of 2nd connector
- E. VBATT red wire from 5th position of 2nd connector

Connector 3

- F. +12V Out red wire from 5th position of 3rd connector

To avoid short circuits, cover the wire ends with electrical tape until it is time for reconnection in Storm 3 connectors.

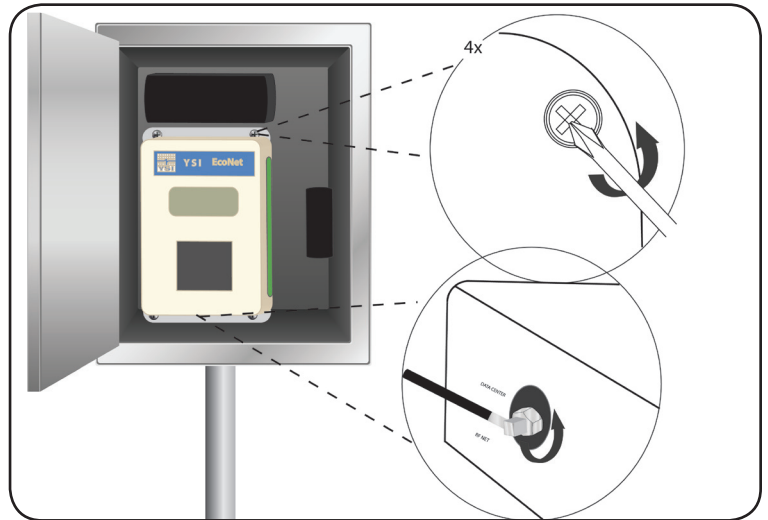


4 Disconnect Antenna, Remove EcoNet

Disconnect the black antenna cable from the bottom of the EcoNet unit. Use wrench to loosen if needed.

Using a 9.5" Philips head screwdriver, unscrew four screws holding the EcoNet to the enclosure.

Remove the EcoNet unit from the enclosure.



5 Install Storm 3

Secure Storm 3 into enclosure using four screws and the hole pattern used with the EcoNet unit.



6 Connect antenna

Connect the black antenna cable to Storm 3.

**Connecting power to the Storm 3 should be the last step of the wiring procedure.*

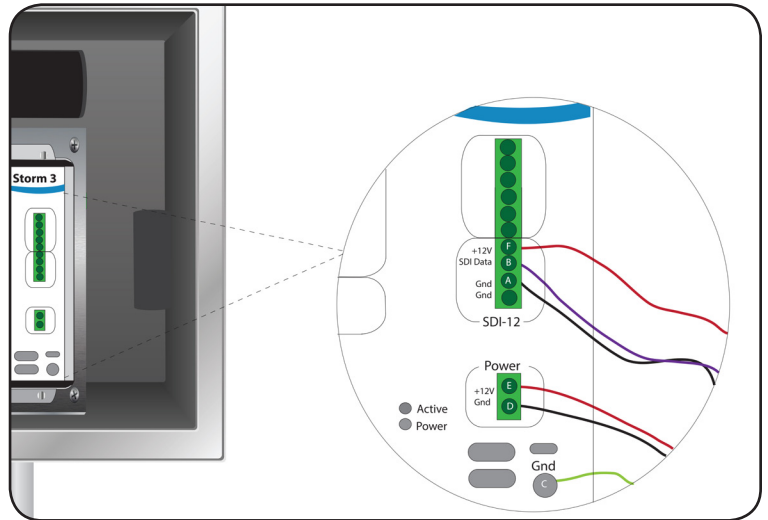


7 Connect Wires to Storm 3

Connect the wires to the three green connectors that come with the Storm 3.

Refer to the image for placement of labeled wires (A-F).

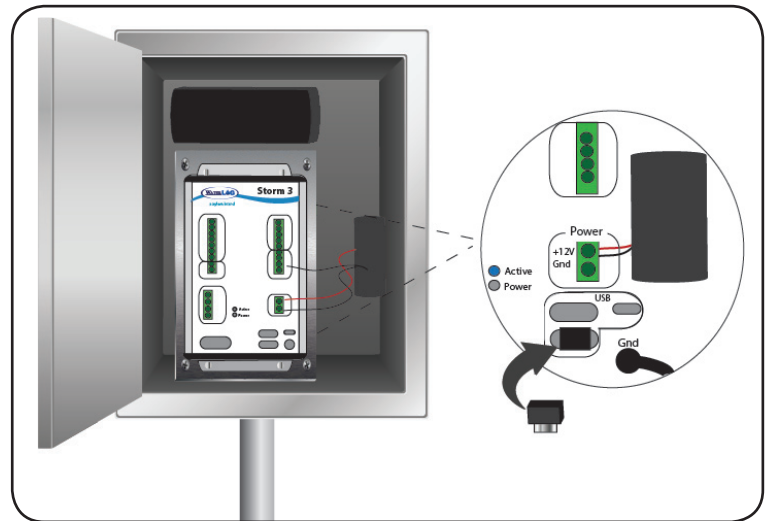
Do not attempt to use the green five position Phoenix connectors that were used in the EcoNet unit.



8 Communicate with Storm 3

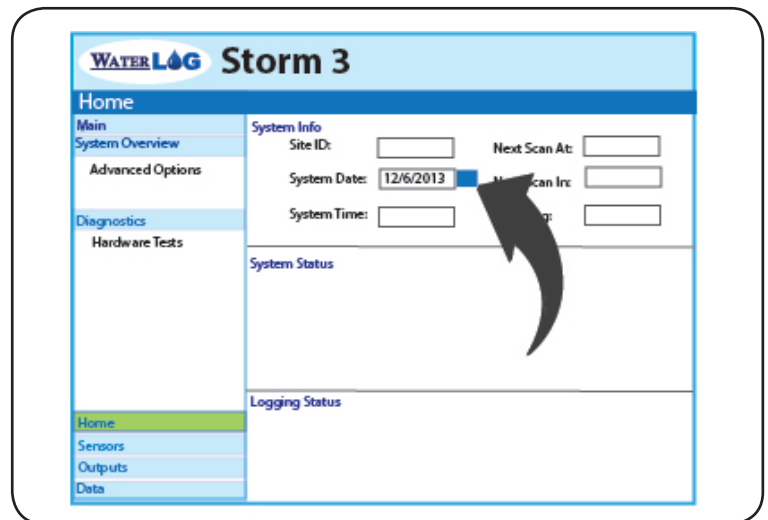
Insert wireless adaptor into a USB port and wait until the active light starts blinking. Connect to the Storm 3 Wi-Fi network, via PC / Smart Phone / Tablet or connect directly to PC with the USB cable.

Open a web browser and navigate to <http://172.20.20.20>. The Storm 3 "Home" screen should be displayed.



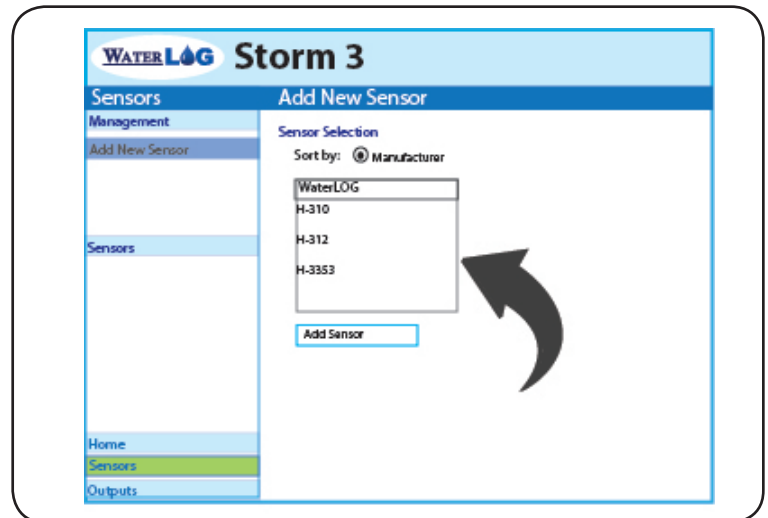
9 Set Date and Time

From the home screen, click the calendar icon to change the date. Click on the box displaying the current time, set the time and press 'Enter'.



10 Add a Sensor

Select a sensor from the built-in sensor library and click 'Add Sensor'. Click the "Wiring Diagram" button so you can see how the sensor should be wired to the Storm 3.



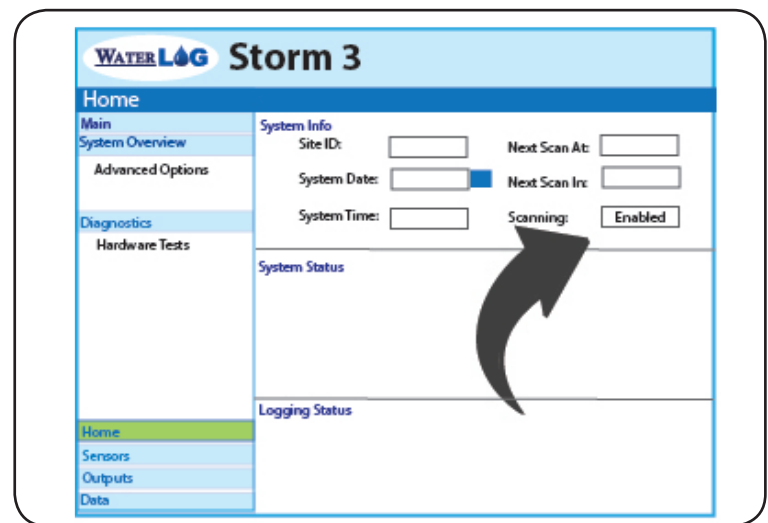
11 Start Data Collection

Make sure the Site ID is set. Start collecting data by selecting "Enabled" from the "Scanning" drop down box on the home screen.

Go to the "Data" screen to view collected data graphically.

Configure Storm 3 with your Registration ID (from stormcentral.waterlog.com) to ensure data will show up on the website.

**Refer to the 'Storm Central Getting Started Guide' for detailed instruction on Storm Central.*



12 Storm Central

stormcentral.waterlog.com

Review and download data collected by Storm Central at any time using the "Site Details" screen. Generate simple-to-complex alarm conditions based on the data collected. Receive notifications of alarm conditions via email, SMS text message or through color change of map icons.

If you have your own cellular service, be sure to have it activated. If using a GSM service provider, have your SIM card installed and GSM settings specified.

